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null\_check HIR

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Did you mean: null\_check HAIR**[PPT] Jikes Intermediate Code Representation**File Format: Microsoft Powerpoint 97 - [View as HTML](#)

Levels of IR. 3 levels of IR. **HIR** (High Level IR). Operators similar to Java bytecode. Example: ARRAYLENGTH, NEW, GETFIELD, BOUNDS\_CHECK, **NLL\_CHEC** ...  
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**[PDF] The Jalapeno Dynamic Optimizing Compiler for Java**File Format: PDF/Adobe Acrobat - [View as HTML](#)

that translates bytecodes to **HIR** and performs on-the-y ... **null\_check**. I0 A,  
 NonNull . n2 . 7. getfield\_unresolved t5 float . = I0 A , ...  
[www.stanford.edu/~jwhaley/papers/javagrande99.pdf](http://www.stanford.edu/~jwhaley/papers/javagrande99.pdf) - [Similar pages](#)

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3-6 **HIR** of method foo(). I and t are virtual registers for local variables ...  
 21 **null\_check**. I1(B, NonNull). 21 getfield. t10(float) = I1(B), < Bf1> ...  
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**HIR** (High-Level IR). – LIR (Low-Level IR). – MIR (Machine-Specific IR). IR.  
 Operators such as **NLL\_CHEC** and **BOUNDS\_CHEC** operators are used to facilitate ...  
[www.cs.umd.edu/class/spring2003/cmcs838y/jalapeno-javassist.ppt](http://www.cs.umd.edu/class/spring2003/cmcs838y/jalapeno-javassist.ppt) - [Similar pages](#)

**[Jikesrvm-researchers] IR Documentation?**... IR DUMP Initial **HIR** FOR IfThenElseTest.main ([Ljava/lang/String;)V -13 LABEL0 Frequency:

0.0 -2 EG ir\_prologue I0i([Ljava/lang/String;,d) = 2 EG **null\_check** t1v ...  
[www-124.ibm.com/pipermail/jikesrvm-researchers/2003-March/001463.html](http://www-124.ibm.com/pipermail/jikesrvm-researchers/2003-March/001463.html) - 6k - Supplemental Result -  
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**[Jikesrvm-researchers] constant ref operand?**

... It is implemented as an **HIR** compiler phase ... I noticed that in OPT\_Simplifier, the  
 case to handle the **NLL\_CHEC** opcode only checks to see if the operand is null ...  
[www-124.ibm.com/pipermail/jikesrvm-researchers/2004-February/002688.html](http://www-124.ibm.com/pipermail/jikesrvm-researchers/2004-February/002688.html) - 4k - Supplemental  
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Levels of IR. 3 Levels of IR. **HIR** (High Level IR). operators similar to Java  
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PEI **null\_check** c2 = a. P5. int\_load. t5 = @{a, -4}, [c2] ... The next column